

## EXTERNALLY PORTED LOUDSPEAKER ENCLOSURE

### Abstract of the Disclosure

An externally ported speaker enclosure includes a primary enclosure having a port or opening. The primary enclosure may continuously vary from a first dimension to a dimension of the port or opening. Alternatively, a duct or tube may extend from, and external to, the primary enclosure. The duct or tube may transition from a first dimension to a dimension of the port or opening. The dimensions of the port, primary enclosure, and transition from primary enclosure to port are configured to reinforce the low frequency response of a speaker mounted to the enclosure. A cylindrical primary enclosure may transition gradually or continuously to a port. The cylindrical primary enclosure can include a closed first end and an open port end. A speaker can be mounted to the cylindrical face of the primary enclosure. Alternatively, the speaker may be mounted parallel to an axis of the cylinder.

PATENT

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